

# Shuttle DS61 Marketing Spec.

## 1. Key feature

Intel H61 express chipset

Support Intel Sandy Bridge / Ivy Bridge 65W CPU

Support HDMI / DVI-I dual video output

Support RS232, RS422, 485

Dual Gigabit Ethernet support

New Shuttle mental chassis design

## 2. Target market

Vertical based customer

## 3. Product Life cycle

From Sep. 2012 to Sep. 2015

## 4. Chassis

Shuttle 1.3L chassis

## 5. Power supply

19V 90W adapter

## 6. Launch date

Sep, 2012

# Project Create Application Form

Items	Contents	Foot Print	Remark	
Main Spec.	CPU	Socket type	Socket 1155	
		CPU type	Support Sandy Bridge/Ivy Bridge	65W
		Vender	Intel	
		South bridge	Intel H61	
	Memory	Memory type	DDR 3	
		Frequency	1333 Mhz	
		DDR 3 SO-DIMM slot	2	
		Dual channel	Yes	
		Max. memory per Dimm	8GB	
		Max. memory	16GB	
	Video	Intel	Integrated in CPU	
		HDMI 1.4	Yes	
		DVI-I	Yes	
	Audio	Codec	Realtek ALC662	
		Channel	HD5.1 channel	
		S/PDIF out	N/A	
	Ethernet	Chip	Realtek 8111EX2	
		Bandwidth	Gigabit	
		WOL from S3/S4/S5	Yes	
		Teaming feature	Yes	
	Storage	SATA bandwidth	3.0 Gbs	
		RAID support	N/A	
	Expansion slot	PCI-E X4	N/A	
		Mini-PCIE (Long)	1	
		Mini-PCIE (Short)	N/A	
	Front Panel I/O	Power button	1	
		Reset button	N/A	
		Power Led	1	blue
HDD Led		1	yellow	
USB2.0		2		
Line-out		1		
Mic-in		1		
4 in 1 card reader		1		

Items		Contents	Foot Print	Remark
Main Spec.	On board connector	4 Pin fan connector	1	
		3 Pin fan connector	1	
		SATA connector	2	
		IDE connector	N/A	
		CF socket	N/A	
		SATA power	1	
	On board header	2x5 pin USB header	4	
		Front audio header	1	
		LVDS	1	
		eDP	N/A	
		LPC	1	
		Clear CMOS	1	
		External Power on	1	
	Thermal	CPU	CPU pipe	
		System fan	2	
		South bridge	Sink	
		PWM MOS	N/A	
	BIOS	AMI 8MB	SPI interface	
		Hardware monitor	Yes	
		Watch dog	Yes	
		Power fail resume	Yes	
	Back panel	USB 2.0	N/A	
		USB 3.0	2	
		HDMI	1	
		DVI-I	1	
		D-sub	N/A	
		Gigabit LAN	2	
		RS232	1	0/5V/12V
		RS232/422/485	1	0/5/12V
		Audio Line out	N/A	
Audio Line in		N/A		
Audio MIC in		N/A		
External power on		1		
Other Criteria	PCB layer	8		
	Solid Capacitor	Yes		

		PWM phase	3	
		DC on board	Yes	
		Operating Temp.	0~50°C	
		Kensinton lock	Yes	
		Dimension	165x190x43 mm	
Power supply		Wattage	90W	19V
		PFC requirement	N/A	
		80 PLUS	N/A	
Pre-install cable		DC in cable	N/A	
		SATA cable	1	
		SP/DIF out cable	N/A	
Accessory box		Quick guide	1	
		XPC DVD Driver	1	
		SATA cable	N/A	
		SP/DIF out cable	N/A	
		Heat-sink compound	1	
		90W adapter	1	
		Screw pack	1	
		Power cord	1	
	Safety	CB	Yes	
		BSMI	Yes	
		ETL	Yes	
		CCC	Yes	
	EMI	FCC	Yes	
		CE	Yes	
		BSMI	Yes	
		C-Tick	Yes	
	Microsoft	Windows 7 & Embedded O.S	Yes	
	Linux		Yes	
	Energy star v5.0		Yes	
	EupLot 6		Yes	